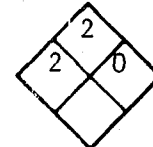


SHELL OIL COMPANY
SHELL CHEMICAL COMPANY
SHELL DEVELOPMENT COMPANY
SHELL PIPE LINE CORPORATION

DPM 518

HAZARD
RATING



MATERIAL SAFETY DATA SHEET

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

SECTION I	
MANUFACTURER'S NAME Shell Chemical Company	EMERGENCY TELEPHONE NO. 713-473-9461
ADDRESS (Number, Street, City, State, and ZIP Code) One Shell Plaza, P. O. Box 2463, Houston, Texas 77001	
CHEMICAL NAME AND SYNONYMS	TRADE NAME SHELL SOL 360-EC
CHEMICAL FAMILY Hydrocarbon	FORMULA

SECTION II HAZARDOUS INGREDIENTS*						
COMPOSITION	%	SPECIES	LD ₅₀		LC ₅₀	
			ORAL	DERMAL	CONCENTRATION	HOURS
Solvents	100					

SECTION III PHYSICAL DATA			
BOILING POINT (°F)	318-344	SPECIFIC GRAVITY (H ₂ O=1) @ 60°F	0.760
VAPOR PRESSURE (mmHg) 100°F	3.9	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	4.8	EVAPORATION RATE (n-BuAc =1)	0.15
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Water white liquid		

SECTION IV FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	105° TCC	FLAMMABLE LIMITS	
		Lel	Uel
		1.0	6.0
EXTINGUISHING MEDIA	Exclude air- use foam, CO ₂ , dry chemicals		
SPECIAL FIRE FIGHTING PROCEDURES	Do not use water except as a fog.		
UNUSUAL FIRE AND EXPLOSION HAZARDS			
Treat as a combustible liquid			

SECTION V HEALTH HAZARD DATA

DMS18

THRESHOLD LIMIT VALUE 125 ppm (calculated)

EFFECTS OF OVEREXPOSURE
Anesthesia - headache, nausea, dizziness, etc. Liquid mildly to moderately irritating to skin and eyes.EMERGENCY AND FIRST AID PROCEDURES
Remove victim and restore breathing if required. Remove from skin with soap and water. Flush eyes with water for at least 15 minutes.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Open flames and sparks
	STABLE	X	

INCOMPATIBILITY (Materials to avoid) Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS CO, CO₂ when combusted

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid open flame or spark sources. Provide adequate ventilation.

WASTE DISPOSAL METHOD

Evaporate or flush with water to an open, well-ventilated area. Use oil sewer if available. Remove to container.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Organic canister mask or air pack as required

VENTILATION	LOCAL EXHAUST Desirable	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES Normally not required	EYE PROTECTION Conventional eye cover to guard against unexpected splashing
OTHER PROTECTIVE EQUIPMENT	

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid open flames and spark sources. Avoid splash filling. Provide adequate ventilation. Avoid excessive heat.

OTHER PRECAUTIONS

NAME D. M. Sheets

TITLE Supervisor - Reg. Aff. - Chem. Prods.

COMPANY Shell Chemical Company

SIGNATURE DMSheets

DATE June 1974

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